

## EAST Search History

| Ref # | Hits  | Search Query                                       | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---|------------------|---------|------------------|
| S93   | 7     | "067920".ap.                                       | US-PGPUB;<br>USPAT  | OR               | ON      | 2006/03/02 16:16 |
| S94   | 14611 | (color or luminance or chrominance) with off\$1set | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/03 11:50 |
| S95   | 1923  | 382/100.ccls.                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/03 11:50 |
| S96   | 53    | S94 and S95  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/03 11:51 |
| S97   | 0     | "067920".pn.                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/05 17:48 |
| S98   | 7     | "067920".ap.                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/05 17:48 |
| S99   | 1923  | 382/100.ccls.                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/05 17:48 |
| S100  | 1679  | 713/176.ccls.                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/05 17:48 |

## EAST Search History

|          |         |                                      |   |    |    |                  |
|----------|---------|--------------------------------------|---|----|----|------------------|
| S10<br>1 | 7018643 | embed\$4 or combin\$5 or add\$3      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S10<br>2 | 13941   | watermark\$3                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S10<br>3 | 5575184 | conver\$4 or modul\$5 or modif\$4    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S10<br>4 | 2829523 | pattern or sequence                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S10<br>5 | 2827341 | rate                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S10<br>6 | 5035    | S101 near3 S102                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S10<br>7 | 80169   | S103 near2 S105                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S10<br>8 | 9       | S99 and (S106 same S104) and<br>S107 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |

## EAST Search History

|          |         |   |   |    |    |                  |
|----------|---------|---|---|----|----|------------------|
| S10<br>9 | 4       | S99 and (S106 same S104) and<br>(S107 same S101)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S11<br>0 | 3       | S100 and (S106 same S104) and<br>(S107 same S101) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S11<br>1 | 46155   | MPEG  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S11<br>2 | 630     | (S99 or S100) and S111                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S11<br>3 | 8       | S112 and S106 and S107                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S11<br>4 | 7251791 | embed\$4 or combin\$5 or add\$3 or<br>encod\$3    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S11<br>5 | 102903  | S105 near3 S114                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S11<br>6 | 177     | S115 and S99                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |

## EAST Search History

|          |       |                                 |   |    |     |                  |
|----------|-------|---------------------------------|---|----|-----|------------------|
| S11<br>7 | 7     | S116 and S107                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/05 17:48 |
| S11<br>8 | 69932 | ogawa.in.                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/05 17:48 |
| S11<br>9 | 7     | S118 and (S99 or S100)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/05 17:48 |
| S12<br>0 | 0     | ("5347598").URPN.               | USPAT   | OR | OFF | 2006/03/05 17:48 |
| S12<br>1 | 46    | ("6185312").URPN.               | USPAT   | OR | OFF | 2006/03/05 17:48 |
| S12<br>2 | 1923  | 382/100.ccls.                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/05 17:48 |
| S12<br>3 | 1679  | 713/176.ccls.                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/05 17:48 |
| S12<br>4 | 3448  | S122 or S123                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/05 17:48 |
| S12<br>5 | 14147 | watermark\$3 or water\$1mark\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/05 17:48 |

## EAST Search History

|          |         |                        |   |    |    |                  |
|----------|---------|------------------------|---|----|----|------------------|
| S12<br>6 | 2827341 | rate                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S12<br>7 | 3268150 | conver\$4              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S12<br>8 | 1658316 | modul\$5               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S12<br>9 | 2163980 | modif\$4               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S13<br>0 | 5575184 | S127 or S128 or S129   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S13<br>1 | 80169   | S130 near2 S126        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S13<br>2 | 19      | S131 and S125 and S124 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S13<br>3 | 596270  | encod\$3               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |

## EAST Search History

|          |         |                      |   |    |     |                  |
|----------|---------|----------------------|---|----|-----|------------------|
| S13<br>4 | 3268150 | conver\$4            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/05 17:48 |
| S13<br>5 | 1658316 | modul\$5             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/05 17:48 |
| S13<br>6 | 2163980 | modif\$4             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/05 17:48 |
| S13<br>7 | 5575184 | S134 or S135 or S136 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/05 17:48 |
| S13<br>8 | 390209  | S133 and S137        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/05 17:48 |
| S13<br>9 | 1923    | 382/100.ccls.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/05 17:48 |
| S14<br>0 | 1679    | 713/176.ccls.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/05 17:48 |
| S14<br>1 | 3448    | S139 or S140         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/05 17:48 |
| S14<br>2 | 822     | S138 and S141        | USPAT   | OR | OFF | 2006/03/05 17:48 |

## EAST Search History

|          |         |  |   |    |     |                  |
|----------|---------|--|---|----|-----|------------------|
| S14<br>3 | 14147   | watermark\$3 or water\$1mark\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/05 17:48 |
| S14<br>4 | 511     | S142 and S143  | USPAT   | OR | OFF | 2006/03/05 17:48 |
| S14<br>5 | 13      | (US-6185312-\$ or US-6456726-\$<br>or US-6687384-\$ or US-6704431-\$<br>or US-6243481-\$ or US-5748783-\$<br>or US-5748763-\$ or US-5825892-\$<br>or US-5875249-\$ or US-6145081-\$<br>or US-6175639-\$ or US-6181802-\$<br>or US-6285775-\$).did. | USPAT   | OR | OFF | 2006/03/05 17:48 |
| S14<br>6 | 6       | "810080".ap.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/05 17:48 |
| S14<br>7 | 8431313 | conver\$4 or modul\$5 or modif\$4<br>or chang\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/05 17:48 |
| S14<br>8 | 6690735 | rate or feature or parameter or<br>ratio   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/05 17:48 |
| S14<br>9 | 8918727 | embed\$4 or combin\$5 or add\$3 or<br>insert\$3 or imbed\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/05 17:48 |
| S15<br>0 | 14453   | watermark\$3 or water\$1mark\$3<br>or steganograph\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/05 17:48 |

## EAST Search History

|          |         |  |   |    |    |                  |
|----------|---------|--|---|----|----|------------------|
| S15<br>1 | 576424  | S147 near3 S148                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S15<br>2 | 38041   | S151 with S149                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S15<br>3 | 1923    | 382/100.ccls.                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S15<br>4 | 1679    | 713/176.ccls.                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S15<br>5 | 3448    | S153 or S154                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S15<br>6 | 150     | S155 and S152                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S15<br>7 | 2827341 | rate   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S15<br>8 | 8431313 | conver\$4 or modul\$5 or modif\$4<br>or chang\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |



## EAST Search History

|          |         |   |   |    |    |                  |
|----------|---------|---|---|----|----|------------------|
| S15<br>9 | 288467  | S158 near3 S157   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S16<br>0 | 8918727 | embed\$4 or combin\$5 or add\$3 or<br>insert\$3 or imbed\$4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S16<br>1 | 18358   | S159 with S160  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S16<br>2 | 1923    | 382/100.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S16<br>3 | 1679    | 713/176.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S16<br>4 | 3448    | S162 or S163  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S16<br>5 | 16      | S164 and S161   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S16<br>6 | 4       | "940872".ap.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |

## EAST Search History

|          |         |   |   |    |    |                  |
|----------|---------|---|---|----|----|------------------|
| S16<br>7 | 5       | "503881".ap. or "6122403".pn.                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S16<br>8 | 12314   | jump same address   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S16<br>9 | 1923    | 382/100.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S17<br>0 | 1679    | 713/176.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S17<br>1 | 3448    | S169 or S170  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S17<br>2 | 20      | S171 and S168   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S17<br>3 | 1006788 | address\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S17<br>4 | 8918727 | embed\$4 or combin\$5 or add\$3 or<br>insert\$3 or imbed\$4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |

## EAST Search History

|          |        |   |   |    |    |                  |
|----------|--------|---|---|----|----|------------------|
| S17<br>5 | 125456 | S174 with S173  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S17<br>6 | 372    | S171 and S175   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S17<br>7 | 14453  | watermark\$3 or water\$1mark\$3<br>or steganograph\$4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S17<br>8 | 260    | S176 and S177   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S17<br>9 | 151184 | jump or skip  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S18<br>0 | 20     | S178 and S179   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S18<br>1 | 6713   | S179 near3 S173                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S18<br>2 | 1429   | S174 same S181  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |

## EAST Search History

|          |       |  |   |    |    |                  |
|----------|-------|--|---|----|----|------------------|
| S18<br>3 | 3     | S182 and S171                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S18<br>4 | 2376  | S175 same S179                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S18<br>5 | 10    | S184 and S171                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S18<br>6 | 2     | "6055321".pn.                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S18<br>7 | 7     | "067920".ap.                                       | US-PGPUB;<br>USPAT  | OR | ON | 2006/03/05 17:48 |
| S18<br>8 | 14621 | (color or luminance or chrominance) with off\$1set | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S18<br>9 | 1923  | 382/100.ccls.                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |
| S19<br>0 | 53    | S188 and S189                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/05 17:48 |